

TRAFFIC SIGNAL TECHNICIAN CREW LEADER

Purpose:

To actively support and uphold the City's stated mission and values. To perform highly technical work in the installation, operation and maintenance of electrical, electronic and digital controlled traffic signal control devices and lighting systems.

Supervision Received and Exercised:

Receives general supervision from Traffic Signal Supervisor, or from other supervisory staff.

Exercises functional and technical supervision over Traffic Signal Technician I/II, and temporary employees.

Examples of Duties:

This class specification is intended to indicate the basic nature of positions allocated to the class and examples of typical duties that may be assigned. It does not imply that all positions within the class perform all of the duties listed, nor does it necessarily list all possible duties that may be assigned.

Duties may include, but are not limited to, the following:

- Recommend and assist in the implementation of goals and objectives; establish methods, parameters and schedules for operation and maintenance activities; implement policies and procedures.
- Act as a coach and mentor to team members; facilitate and participate in team member's Individual Development Plans.
- Assist in the training and participate in the evaluation of staff.
- Evaluate operations and activities in assigned areas of responsibility; perform analysis of methods and procedures and recommend improvements and modifications.
- Create and close Hansen Software work orders and pick lists.

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Traffic Signal Technician Crew Leader (continued)

- Troubleshoot, repair and maintain traffic signal control devices, systems and auxiliary equipment including analog, digital, electronic, and microprocessors.
- Repair or replace damaged signal equipment such as signal poles, signal and pedestrian heads, light systems and push buttons.
- Perform a variety of preventive maintenance duties including changing signal bulbs, cleaning reflectors and refractors, painting poles, and cleaning signal control cabinets.
- Install, maintain and repair pre-timed, semi-automatic, fully automatic, electromechanical, electronic and digital controllers, auxiliary equipment, and similar devices.
- Assist in wiring new intersections according to wiring specifications.
- Prepare schedules and determine cost of projects.
- Arrange for equipment needs at job sites.
- Requisition supplies and materials.
- Maintain and monitor inventory of equipment, supplies and materials.
- Prepare reports and maintain time, material and equipment use records.
- Coordinate work with supervisors, contractors, engineers, City departments, utility companies and others to ensure that installation and repair schedules are met.
- Demonstrate continuous efforts to improve operations, decrease turnaround times, streamline work processes and work cooperatively and jointly to provide quality seamless customer service.
- Perform related duties as assigned.

Experience and Training Guidelines:

Any combination of experience and training that would likely provide the required knowledge and abilities is qualifying. The hiring department may include job related experience, training or license and certification preferences at the time of recruitment. A typical way to obtain the knowledge and abilities would be:

Experience:

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Traffic Signal Technician Crew Leader (continued)

Two years experience in the installation, maintenance and repair of electric, electronic and digital signal control devices including data transmission communications, computerized traffic control systems and signal construction is required.

Training:

Equivalent to the completion of the twelfth grade supplemented by specialized training in electronics or a related field. An Associates Degree is highly desirable.

Licenses/Certifications:

Requires the possession of a valid driver's license.

Possession of, or the required to obtain, an Electronic or Electrical Technician Certificate and a Level II International Municipal Signal Association (IMSA) Certification.

This position is included in the City's classified service, pursuant to City of Tempe Personnel Rules and Regulations, Rule 1, Section 103.

Job Code: 276

FLSA: Non-Exempt